

PROJECT DESCRIPTION

I. General

This portion of the project involves the replacement traffic signal interconnect cable along MD 924 (Main Street) between Business U.S. 1 and Pennsylvania Ave. and the intersection of MD 22 at Hickory Ave and Maitland Street at Business U.S. 1. located in Harford County. MD 924 (Main St.) is assumed to run in a westbound direction.

II. Intersection Operation

No change to the existing signal operations are required for this section of the project.

III. Special Notes

1.) Maintenance of traffic will be handled by the contractor utilizing the following standard plates for traffic control: 104.00 - 104.00-30, 104.32-02, 104.33-02, 104.37-02, 104.38-02, 104.30-02104.40-02, 104.41-02.

2.) The following are SHA District 4 Contact persons:

Mr. Richard L. Daff, Sr. Chief, Traffic Operations Division (410) 787-7630	Mr. Dave Malkowski District Engineer (410) 321-3461
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Mr. Randall Scott Asst. District Engineer - Traffic (410) 321-3514	Mr. David Ramsey Asst. District Engineer - Maintenance (Acting) (410) 321 3468
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Mr. Joseph McMahon
Asst. District Engineer- Utility
(410) 321-3456

3.) The contractor shall pull are proposed traffic signal cables into the designated controller cabinet and label each cable. The MD-SHA will be responsible for all internal cabinet wiring.


4.) The contractor shall remove all existing interconnect cables from the existing intersection conduits and handholes.

EQUIPMENT LIST

B. Equipment to be furnished and/or installed by the Contractor.

Item No.	Quantity	Specification		Description
		Units	Section	
	10	LF	805	Furnish and install 2 1/2 in. schedule 80 rigid PVC conduit.
	325	LF	805	Furnish and install 3 in. schedule 80 rigid PVC conduit - Trenched.
	260	LF	810	Furnish and install electrical cable - 7 conductor (No. 14 AWG).
	2700	LF	810	Furnish and install 12 pair (twisted), jelly filled interconnect cable (underground)
	4	EA	811	Furnish and install electrical handhole.
	16	LF	804	Furnish and install ground rod - 3/4 in. x 10 ft. length.
	1570	LF	810	Furnish and install 1 conductor (No. 6 AWG) stranded bare copper ground wire.
	LS	LS	SP	Remove and dispose of existing materials.
	19	EA	811	Furnish and install handhole cover and strap.
	19	EA	804	Furnish and install ground terminal.
	2	EA	805	Cut and re-thread existing conduit.

REVISIONS	APPROVALS
	ASST. DIVISION CHIEF, TEDD
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

 MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION GENERAL INFORMATION SHEET			
LOGMILE #:		DATE / /	
DRAWN BY: J. ALLEN Jr.	F.A.P. NO.	PLAN SHEET NO.:	SHEET NO.
CHECK BY: MRL	S.H.A. NO. HA 1265184		
SCALE: NTS	COUNTY HARFORD		51 OF 66